



# HF Happenings 372

September 09

HF Happenings via Yahoo Groups [HF\\_Happenings-subscribe@yahoogroups.com](mailto:HF_Happenings-subscribe@yahoogroups.com)

South African Radio League      Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1

*The following two items are not HF related, but such great news, so why not share it!*

## South African Amateur Radio Payload Reaches Orbit

After several delays, South Africa's SumbandilaSat satellite finally blasted to orbit aboard a Soyuz rocket from the Baikonur Cosmodrome in Kazakhstan on September 16. The main payload is a multi-spectral imager, but the satellite also carries an Amateur Radio component consisting of a 2 meter/70 cm FM repeater.

After SumbandilaSat is fully commissioned, the repeater will be activated with an uplink at 145.880 MHz and a downlink at 435.350 MHz; there will also be a voice beacon at 435.300 MHz. The transponder mode will be controlled by a CTCSS tone on the uplink frequency. The CTCSS tone frequencies have yet to be announced.

SumbandilaSat was sponsored by the Department of Science and Technology and was built at SunSpace in cooperation with the Stellenbosch University.

In addition to the SA-AMSAT amateur module, the satellite carries Stellenbosch University's radiation experiment and software defined radio (SDR) project, an experiment from Nelson Mandela Metropolitan University and a VLF radio module from the University of KwaZulu-Natal. [ARRL]

## Sumbandilasat Successfully Launched

Third time lucky! SumbandilaSat was successfully launched on 17 September at 17:55:09 CAT after the launch had to be postponed twice, once due to heavy winds and the second attempt due to the fuel pressure in the feed line which was four times too low and thus caused the fuelling process to take too long to be completed in time for launch.

The satellite was released from the rocket while over the Antarctic and accessed by the ground station at the Stellenbosch University ten minutes later when the first command was sent to "wake up" the satellites. Despite the low elevation orbit of less than 10 degrees, SumbandilaSat responded well with its first telemetry. On a pass on Friday morning, the SunSpace team confirmed that the transponder, which also carries the amateur radio facility, was operating well.

Earlier in September, a team of SunSpace Engineers unpacked the satellite at the Baikonur launch facility in Kazakhstan and carried out a full systems test. All systems performed to specification. The amateur radio payload was tested from a little distance to check radio signal levels. All three systems, the voice beacon, the parrot repeater and the VHF/UHF FM repeater performed flawlessly. Next SumbandilaSat was integrated on the launch platform and made ready for launch. Prior to the assembly being transported

## September

2 Secretary's Day  
4 Casual Day  
5/6 RSGB SSB Field Day;  
IARU R1 SSB Field Day; All  
Asian DX SSB  
7 Hamnet Bulletin 18:30  
7 - 11 National Arbour Week  
12/13 WAEDC SSB Contest  
13 Spring QRP Sprint  
14 Closing date HF CW logs  
18 - 20 SARL VHF/UHF Con-  
test  
19 Rosh Hashanah [5770]  
20 Eid-ul-Fitr  
23 Schools close  
24 Closing date Oct RAE  
24 Heritage Day; Heritage  
Day Sprint; National Barbe-  
que Day  
25/26 Caledon 400  
26/27 SAC SSB; CQ WW DX  
RTTY  
27 World Tourism Day  
28 Yom Kippur; closing date  
QRP logs  
30 Closing date IARU R1 SSB  
Field Day

Heritage Day Sprint 24 August; 80 metre QSO Party 1 October





to the launch platform, the batteries were given their last top-up. An intensive period of payload qualification will now follow during which each system will be tested. This is expected to take up to 3 months after which the command will shift to the CSIR's Satellite Application Centre at Hartebeeshoek, north of Pretoria.

The voice beacon message was recorded by Anton Coetzee, at the time a learner at the Technical High School Kimberley. His message was selected from entries in a competition to find the best message with which to launch SumbandilaSat. It reads: "This is ZSOSUM in space. I am the voice of the South African youth. We are knocking on the door of opportunity, marking our place in the orbit of space research and communication. Hear us! Listen to us!"

Visit [www.amsatsa.org.za](http://www.amsatsa.org.za) and listen to the beacon message as well as the first set of Keplerian elements. Once the main payload, a Multi-spectral imager which has a 6,25 m Ground Sampling Distance (GSD) with 6 spectral bands and is supported by an on-board storage of 24 Giga byte of memory and a main downlink of 72 Mb/s is fully put into service, will a schedule be set up according to which the various experimental payloads on board will be operated. The SA AMSAT web will publish regular updates. Listen on 435,350 during passes over South Africa. At some stage SunSpace will be tested the amateur payload. If early notice is received, it will be published on [www.amsatsa.org.za](http://www.amsatsa.org.za). [SARL News]

## Contest News

In the past years, logs have not strictly been checked against Rule 4 and 5 of the General Rules. Not all the required information has been given in the log. Logs have been received in a format that is difficult to check, in some cases, the rough log has been scanned and submitted, logs are submitted without a summary sheet or the summary sheet is not filled in completely. The contest committees have been doing the scoring of the logs, instead of the contest participant. It makes the task of the contest committee very difficult.

The SARL HF Phone contest was the last contest where this happened. All contest logs received for contests following the 2009 SARL HF Phone contest will be strictly checked against Rule 4 and 5 and if found in contravention of these rules, will be classed as a check log.

Rule 4 is for paper logs – hand written on SARL log sheets, MS Word log sheets and printouts of computer contest logs. Logs that are submitted via the SA Post Office to the contest committee.

*Rule 4b - Log sheets shall contain the following information: Date, time in UTC, call sign of station contacted, exchange (i.e. RST and/or serial sent and received), points claimed for each contact and, in the case of VHF contests, grid locator or physical location of the station contacted and the distance worked.*

In the case of a HF contest log, the following is the minimum information will be on the log sheet – Date, time in UTC, call sign of station contacted, the whole exchange sent and received **and the points claimed for each contact** = QSO points; zone and 3 bander points if applicable).

*Rule 4c - A separate chronological log shall be submitted for every frequency band worked. For contests requiring serial numbers, a single consecutive numbering sequence shall be used for all contacts. However, a multi-operator station transmitting on several bands simultaneously may at their discretion use separate number sequences for each band.*





Here are two parts to this Rule. The first part requires a separate chronological log for each band worked – where the contest is run over more than one band, e.g. SARL HF Field Day, SARL HF Phone and CW Contest.

The second part deals with contests requiring serial numbers. Single operators use a single consecutive numbering sequence. *Consecutive = adj. 1. (of a narrative, account, etc) following chronological sequence. 2. Following one another without interruption, successive. 3. Characterised by logical sequence. [from French consecutif, from Latin consecutus having followed, from consequi to pursue] Collins English Dictionary.*

Multi-operator stations have a choice, either a single consecutive sequence for the whole contest or a consecutive sequence per band.

If you miss a serial number, mark you log “not used.”

Rule 4d, e and f deal with the summary sheet. There is certain information to be completed on the summary sheet and the operator must sign the declaration. Ensure that you submit a summary sheet with you log submission and that YOU sign the summary sheet.

Rule 5 deals with Electronic Logs and Summary Sheets. Logs submitted by disk or e-mail. Logs printed and posted via the SA Post Office are NOT electronic logs.

Electronic logs are the MS Excel spreadsheet available on the SARL web, the HF Contest programme by Nico, ZS4NS, (also available on the SARL web), MS Word or MS Excel documents created by testers and Cabrillo files.

Rule 5a states - *Participants may submit text file logs and summary sheets instead of written logs, by disk or e-mail. The received log shall be capable of being viewed and printed using Microsoft® Notepad/WordPad, Word or Excel. The summary sheet shall include the declaration specified in Clause 4f. The Contest Committee may request a signed paper copy.*

The second sentence is very important - *The received log shall be capable of being viewed and printed using Microsoft® Notepad/WordPad, Word or Excel.* This means PDF, JPG, BMP, PPT, TIF and any other graphic formats are not acceptable.

Before submitting the log, add your call sign to the document name, e.g. ZS4BS 2009 SARL HF Phone and CW Auto Calculation.xls or ZS4BS.xls or ZS4BS.doc.

Rule 5b states - *QSOs shall be separated by a carriage return, and each QSO shall include the information as specified for written QSOs in Clause 4b above.*

In the case of a HF contest log, the following is the minimum information will be on the log sheet – Date, time in UTC, call sign of station contacted, the whole exchange sent and received **and the points claimed for each contact** = QSO points; zone and 3 bander points if applicable).

	Date	Time	exchange	station wrk	exchange	points/QSO
QSO: 14000 PH	2009-08-02	1416	BG3EO/1	59 1 ZS4CD	59 3	24 1

This means you may submit a Cabrillo log. You will agree that the Cabrillo log contains 90% of the information required. You must add, “the points claimed for each contact”. Use Notepad/Wordpad to edit the file, and add the QSO points; zone and 3 bander points if applicable. Save and submit.

Rule 7 deals with Addresses for Contest Entries. *Entries shall be submitted to the Contest Committee for the contest concerned, and NOT to SARL Headquarters. The relevant*





address for each contest is published in the rules for that contest. DO NOT fax, e-mail or post you log submissions to the NARC, they will end up in file 13!

Boland 40 Metre Sprint. The provisional results of the Boland 40 Metre Sprint have been released. 12 logs were received. It is great to see that the YL's represented with 3 logs and the youth with 2 logs.

- 1<sup>st</sup> Ettienne Vosloo, ZS1AX, 56 points
- 2<sup>nd</sup> Jan Botha, ZS4JAN, 50 points
- 3<sup>rd</sup> Philip Verster, ZS1DV, 43 points
- 4<sup>th</sup> Pierre van Deventer, ZS6BB, 42 points
- 5<sup>th</sup> Corinna Carstens, ZS1CMC, 39 points
- 6<sup>th</sup> Johan van Aarde, ZS2I, 34 points
- 7<sup>th</sup> Mitchel Mynhardt, ZS6YH, 33 points
- 8<sup>th</sup> Pam Momberg, ZS6APT, 26 points
- 9<sup>th</sup> Bengert Booysen, ZS6BTB, 21 points
- 10<sup>th</sup> Melinda Mynhardt, ZU6MM, 18 points
- 11<sup>th</sup> Johan le Roux, ZS1RX, 16 points
- 12<sup>th</sup> Robbie Parkinson, ZS1RAP, 12 points

40 metre Mobile Competition. The provisional results of the 40 metre Mobile Competition, hosted by the Boland ARC, have been released.

- 1<sup>st</sup> Gehard Coetzee, ZS3TG, 477 points
- 2<sup>nd</sup> JF Olivier, ZS5JP, 342 points
- 3<sup>rd</sup> Tienie Herbst, ZS6MHH, 278 points
- 4<sup>th</sup> Horst Kapitein, ZS6NH, 240 points
- 5<sup>th</sup> Mitch Rundle, ZS2DK, 235 points
- 6<sup>th</sup> Douglas Defty, ZS1DUG, 232 points
- 7<sup>th</sup> Geoff Levey, ZS6GRL, 200 points
- 8<sup>th</sup> Hans Kappetijn, ZS6KR, 159 points
- 9<sup>th</sup> Jan Botha, ZS4JAN, 136 points
- 10<sup>th</sup> Eddie Leighton, ZS6BNE, 60 points

In 2010, these two contests will become one. The Boland ARC is working on a new set of rules.

SARL HF Phone Contest. The provisional results of the SARL HF Phone Contest have been released. The committee received 39 logs, made up of 37 contest logs and 2 check logs. Three of the logs come from YL's.

If I could, I would provide a special certificate for number 35 on the Single operator list.

#### Multi-Operator Stations

- 1<sup>st</sup> David Hutchinson, 3DA0DJ, 423 points
- 2<sup>nd</sup> Bloemfontein Defence ARC, ZS4CD, 326 points

#### Single Operator Stations

- 1<sup>st</sup> Jan Botha, ZS4JAN, 243 points
- 2<sup>nd</sup> Gary Potgieter, ZS5NK, 188 points
- 3<sup>rd</sup> Daniel Mans, ZS3D, 167 points
- 4<sup>th</sup> Vidi La Grange, ZS1EL, 161 points
- 5<sup>th</sup> Hans Kappetijn, ZS6KR, 152 points
- 6<sup>th</sup> Rosalie Van Loggerenberg, ZR2RL, 141 points (Rosalie is now ZS2DN)
- 7<sup>th</sup> Johan van Aarde, ZS2I, 133 points





- 8<sup>th</sup> Philip Esterhuizen, ZS4PJ, 129 points
- 9<sup>th</sup> Sakkie Coetzee, ZS6BPA, 119 points
- 10<sup>th</sup> West Rand ARC, ZS6WR, 119 points
- 11<sup>th</sup> William Jordaan, ZS3W, 114 points
- 12<sup>th</sup> Allan Smith, ZS1AAX, 113 points
- 12<sup>th</sup> Theunis Potgieter, ZS2EC, 113 points
- 14<sup>th</sup> Pierre van Deventer, ZS6BB, 109 points
- 15<sup>th</sup> Collette Rundle, ZS2CR, 98 points
- 16<sup>th</sup> Charly du Pont, ZS5DU, 94 points
- 17<sup>th</sup> Pam Momberg, ZS6APT, 92 points
- 18<sup>th</sup> Dirk Els, ZS6AKU, 91 points
- 19<sup>th</sup> Paul Aerts, ZS6PMS, 87 points
- 20<sup>th</sup> Mike Perks, ZS6BIM, 85 points
- 21<sup>st</sup> Charl Brittz, ZS4ATZ, 73 points
- 21<sup>st</sup> Peter Smith, ZS6PJ, 73 points
- 23<sup>rd</sup> Jan Jordaan, ZR3JAJ, 67 points
- 24<sup>th</sup> Brendon Smith, ZS6BW, 66 points
- 25<sup>th</sup> Geoff Levey, ZS6GRL, 65 points
- 26<sup>th</sup> Derek Stuart, ZR2WB, 60 points
- 27<sup>th</sup> Bradley Philips, ZS5Z, 52 points
- 28<sup>th</sup> JCR le Roux, ZS1CF, 51 points
- 29<sup>th</sup> Vincent Harrison, ZS6BTY, 42 points
- 30<sup>th</sup> Russell Mycroft, ZS1VK, 32 points
- 31<sup>st</sup> Allan de Souza, ZS6AVC, 30 points
- 32<sup>nd</sup> Bengert Booysen, ZS6BTB, 22 points
- 33<sup>rd</sup> John Kramer, ZS5J, 17 points
- 34<sup>th</sup> Evan Seligman, ZS6ELI, 14 points
- 35<sup>th</sup> Howard Ge, BG3EO/1, 3 points

Check logs

Johan Langeveld, ZS5JL

Michael Roodt, ZS6BHF

Best score on a single band - Rosalie Van Loggerenberg, ZR2RL (ZS2DN), 141 points on 40 metres.

Soapbox. My First HF Contest. Licenced on 2007/03/19. **ZR2RL**. Bands were in good shape and there was a lot of activity - a very enjoyable event. **ZS1EL**. Great fun, had to stop early though due to arriving guests. **ZS1VK**. Baie geniet soos altyd. **ZS2I**. Competition time must be reduced. **ZS4CD**. Thanks to organisers esp. Dennis. **ZS5J**. Had a good time, tnx for organizing the contest. **ZS6APT**. Had great fun!! 40 meters short skip was a problem once again. 80 meters worked very well from early on in the competition. **ZS6BB**. Enjoyed the contest! **ZS6BW**. Great contest - we could do this more often each year - perhaps 4 times. **ZS6PJ**.

### *CQ Announces 75th Anniversary Worked All Zones Award*

(Hicksville, NY – 18 September 2009) – The November 1934, issue of R/9 magazine announced a new operating award for radio amateurs, designed to encourage the growing popularity of contacting stations across the globe, what we know today as DXing. The award was called Worked All Zones and was to be granted for making confirmed contacts with hams in each of the 40 zones into which the world had been divided by R/9's editors. Today, 75 years later, R/9 has been succeeded by CQ magazine and WAZ - Worked All Zones - sponsored by CQ since 1945, continues to be one of amateur radio's most prestigious operating awards.







In celebration of the WAZ's 75th anniversary, CQ magazine is announcing a limited-term "Diamond Jubilee WAZ" award. A special certificate will be issued to amateurs who make contacts in all 40 CQ Zones of the World between 1 November 2009 and 31 December 2010. Certificates will be numbered but there will be no endorsements. Confirmations

will not be required. However, it is expected that applicants will continue to uphold amateur radio's long-standing tradition of honesty and self-regulation. Standard WAZ application fees will apply.

Complete details on the Diamond Jubilee WAZ Award will be in the October 2009 issue of CQ, and are posted on the CQ website, [www.cq-amateur-radio.com](http://www.cq-amateur-radio.com), with a link from the October issue highlights page.

WAZ is the second-oldest amateur radio operating award still offered today. The only current award that is older is the International Amateur Radio Union's Worked All Continents award. The ARRL's DX Century Club (DXCC) award was introduced in 1936. To date, more than 8 600 basic WAZ awards have been issued. More information on the WAZ award program is available on the CQ website at [www.cq-amateur-radio.com/awards.html](http://www.cq-amateur-radio.com/awards.html). [CQ Magazine]

## DXCC News

Bill Moore NC1L, ARRL Awards Branch Manager reports that the following operations are approved for DXCC credit:

TX3A – Chesterfield Island, 2009 Operation  
T6AB – Afghanistan, 2008 and 2009 Operation  
T6AF – Afghanistan, Current Operation  
[Tjerk, ZS6P]

Awards Branch E-mail Change. "There has been a change in one of the Awards Branch e-mail addresses. This address is no longer accepting e-mail [awards@arrl.org](mailto:awards@arrl.org). The address has been changed to [award@arrl.org](mailto:award@arrl.org).

Anyone sending an E-mail to [awards@arrl.org](mailto:awards@arrl.org) will get a return message noting this and advising you of the new address. This address mostly affects the Worked All States awards program.

E-mail to [dxcc@arrl.org](mailto:dxcc@arrl.org) and any of the other e-mail addresses that come to me are not affected by this." Bill Moore, NC1L, ARRL Awards Branch Manager

## Alpha Radio Products Now RF Concepts

On 15 September, Michael Seedman, AA6DY, announced that his company, RF Concepts <http://www.rfconcepts.com/>, had purchased Boulder, Colorado-based Alpha Radio Products <http://www.alpharadioproducts.com/>. Seedman explained in a press release [http://www.rfconcepts.com/dear\\_alpha\\_customers.asp](http://www.rfconcepts.com/dear_alpha_customers.asp) that when he contacted Alpha to purchase a new amplifier, he was "disappointed to learn that I would not receive it for months." He was told that as each amplifier is made by hand, there was not enough shelf inventory to send a new one right away. Working with Alpha Products president Molly Hardman, W0MOM, "we created a way to capitalize the company in order to put amplifiers in inventory for immediate availability. Customers will no longer have to wait weeks or months to add an Alpha product to their station." Seedman said that RF Concepts "will focus on shipping our backlog of Alpha amplifiers and building sufficient product to ship from stock. We will honour our existing customer commitments – including warranties, customer and technical support and repairs – and keep our extensive parts inventories to support the more than 10 000 Alpha amplifiers in the market." Hardman will be staying on as Vice President of Sales for RF Concepts.





## Pirate

Toze, CT1GFK reports that a large number of stations (many of them from France and Italy) worked a pirated 4W6AL on 20 metres SSB on 12 September, while the genuine 4W6AL only made 4 QSOs. Check the log, <http://algarvedx.com>, before sending your QSL.

The infamous "YL 40m CW Pirate," ZK3T, was active again. Operator was Tanya, on 7007 kHz at 16:26 UTC. Save your green stamps.

## DX from Africa

Canary Islands, EA8. Val, RD3AF, will be active as EF8M from Santa Maria de Guia, Las Palmas Gran Canaria (AF-004, DIE S-005, WLOTA L 0969) during the CQ WW RTTY DX Contest (26 – 27 September). QSL via UA3DX.

Heinz, DL7HKL, is expected to be active as EA8/DL7HKL from La Gomera Island (AF-004) until 28 September. This will be a holiday style operation on SSB with activity on 20, 15 and 10 metres during his evening hours. QSL via his home call sign, by the Bureau or direct.

Jyrki, OH6CS, will be active as EA8/OH6CS during the CQ WW DX SSB Contest (24 – 25 October) as a Single-OP/Single-Band (TBA) entry. He will be in the Canary Islands (AF-004) between 21 and 27 October. QSL via LoTW or to his home call sign direct. Visit his Web site at <http://personal.inet.fi/cool/sierra/>

Malawi, 7Q. Barrie, G4AHK, will operate holiday style as 7Q7BJ while travelling around Malawi, from 23 September until 12 October. He plans to focus on 160, 80 and 40 metres. QSL via G4AHK.

Malawi, 7Q. Ely, IN3VZE, informs that he will be active once again as 7Q7CE from the southwest shore of Lake Malawi from the shack of his good friend Harry, 7Q7HB, between 2 and 20 October. Activity will be holiday style with planned operations on all bands using SSB and RTTY. QSL via his home call sign, direct or by the Bureau.

Mozambique, C9. Marco, IK1RAE says he will be active as C91VM from Mozambique on 5 to 23 October. He will operate SSB on 40 - 10 metres running 100 watts into a vertical antenna. Side trips to one or more IOTA groups - AF-061, AF-066, AF-072 and AF-088) are also being planned. QSL direct only, as proceeds will be donated to charity project in the village of Malangute (QSLing policy details to be announced on qrz.com under C91VM).

Ethiopia, ET. Jim, WU0I is a US Foreign Service Officer presently stationed in Addis Ababa, Ethiopia. He expects to be active as ET3JD by about October, and to operate PSK31 and possibly RTTY (for contests mostly), SSB and CW ("my CW is pretty rusty," he says, "so please be patient with me!"). He will try to get on 40, 20 and 15 metres, plus 30 and 17 metres, using homemade wire antennas. QSL direct to Jim DeLoach, 2030 Addis Ababa Place, Dulles VA 20189-2030, USA (please indicate if you would like his card to come via US mail or Ethiopian mail; no preference stated means he will use whichever is cheapest for your QTH).

For updates bookmark [www.deloach.net/ET3JD.html](http://www.deloach.net/ET3JD.html).

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 21 to 28 September 2009





Run for the Bacon QRP Contest  
01:00 - 03:00 UTC 21 September  
Mode: CW  
Bands: 160, 80, 40, 20, 15 and 10 m  
Classes: Single Band; All Band  
Max power: 5 watts  
Exchange: RST, state, province or country and Member No or power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent  
Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 27 September 2009  
E-mail logs to: (none)  
Upload log at:  
<http://www.fpqrp.com/autolog.php>  
Mail logs to: (none)  
Find rules at:  
<http://www.fpqrp.com/fpqrpun.php>

SKCC Sprint  
00:00 - 02:00 UTC 23 September  
Mode: CW  
Bands: 160, 80, 40, 20, 15 and 10 m  
Classes: (none)  
Exchange: RST, Name, state, province or country and SKCC No or power  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band  
Multipliers: Each state, province or country once  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 25 September 2009  
E-mail log summary to: (none)  
Post log summary at:  
<http://www.skccgroup.com/sprint/sks/sk-s-submit.html>  
Mail logs to: (none)  
Find rules at:  
<http://www.skccgroup.com/sprint/sks/>

RSGB 80 m CW Club Sprint  
19:00 - 20:30 UTC 23 September  
Mode: CW

Bands: 80 m Only  
Classes: 100 W; 10 W  
Exchange: other station's call, your call, serial no, your name  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 30 September 2009  
E-mail logs to:  
[cwsprint\[dot\]logs\[at\]rsgbhfcc\[dot\]org](mailto:cwsprint[dot]logs[at]rsgbhfcc[dot]org)  
Upload log at:  
<http://www.vhfcc.org/cgi-bin/hfcover.pl>  
Mail logs to: (none)  
Find rules at:  
<http://www.vhfcc.org/hfcc/rules/2009/rsprint.shtml>

NCCC Sprint  
02:30 - 03:00 UTC 25 September  
Mode: (see rules)  
Bands: (see rules)  
Classes: (none)  
Exchange: (see rules)  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 27 September 2009  
E-mail logs to: (none)  
Post log summary at:  
<http://www.hornucopia.com/3830score/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.htm>

CQ Worldwide DX RTTY Contest  
00:00 UTC 26 September to 24:00 UTC 27 September  
Mode: RTTY  
Bands: 80, 40, 20, 15 and 10 m  
Classes: Single Op All Band (High/Low); Single Op Single Band; Single Op Assisted All Band; Multi-Single (High/Low); Multi-Two; Multi-Multi  
Max power: HP: 1 500 watts; LP: 150 watts  
Exchange: 48 States/Canada: RST, state or VE area and CQ Zone; All Others: RST and CQ Zone  
Work stations: Once per band  
QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent; 3 points per QSO with different continent  
Multipliers: Each US state/VE area once per band; Each DXCC/WAE country once per band; Each CQ zone once per band







Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 1 November 2009  
E-mail logs to: [rtty\[at\]cqww\[dot\]com](mailto:rtty[at]cqww[dot]com)  
Mail logs to: (none)  
Find rules at:  
<http://www.cq-amateur-ra-dio.com/RTTYDX09ContestRulesJuly09.pdf>

Scandinavian Activity SSB Contest  
12:00 UTC 26 September to 12:00 UTC 27 September  
Mode: SSB  
Bands: 80, 40, 20, 15 and 10 m  
Classes: Single Op Single Xmtr (QRP/Low/High); Single Op Single Band; Multi-Single; Multi-Multi; SWL  
Exchange: RST and Serial No  
Work stations: Once per band  
QSO Points: Scandinavian: 2 points per QSO with EU; Scandinavian: 3 points per QSO with non-EU; EU: 1 point per QSO with Scandinavian station; non-EU: 1 point per QSO with Scandinavian station on 20, 15 and 10 m; non-EU: 3 points per QSO with Scandinavian station on 80 and 40 m  
Multipliers: Scandinavian: Each DXCC country once per band; non-Scandinavian: Each Scandinavian call area once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 31 October 2009  
E-mail logs to: [sacssb\[at\]nrnl\[dot\]no](mailto:sacssb[at]nrnl[dot]no)  
Upload log at:  
<http://www.sactest.net/hflogupload.php>  
Mail logs to: SACSSB, Liv Johansen, LA4YW, Kolstadtunet 4 C, NO-7098 Saupstad, Norway  
Find rules at: <http://www.sactest.net/>

Texas QSO Party  
14:00 UTC 26 September to 02:00 UTC 27 September and 14:00 - 20:00 UTC 27 September  
Mode: All  
Bands: All, except WARC  
Classes: Fixed Single Op; Fixed Multi-Op; Fixed QRP Single Op; Fixed Single Op CW; TX Mobile Single Op; TX Mobile Multi-Op; TX Mobile Single Op CW  
Max power: HP: >5 watts CW/digital, >10 watts phone; QRP: 5 watts CW/digital, 10 watts phone

Exchange: TX: RS(T) and County; non-TX: RS(T), and state, province, country or MM region)  
Work stations: Once per band per mode per county  
QSO Points: 2 points per phone QSO; 3 points per CW/digital QSO; TX Stations: 500 bonus points for each TX mobile worked in 5 different counties; TX Mobiles: 1000 bonus points for each TX county covered with at least 5 QSOs; non-TX Stations: 500 bonus points for each TX mobile worked in 5 different counties and another 500 bonus points for working the same TX mobile in an additional 5 counties  
Multipliers: TX Stations: Each TX county, state, province and DXCC country once; non-TX Stations: Each TX county once  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 31 October 2009  
E-mail logs to:  
[no5w\[at\]consolidated\[dot\]net](mailto:no5w[at]consolidated[dot]net)  
Mail logs to: Texas QSO Party Committee, 6 Sweetdream Place, The Woodlands, TX 77381-6009, USA  
Find rules at:  
[http://txqp.net/index.php?option=com\\_content&view=article&id=114:rules08&catid=38:rules&Itemid=58](http://txqp.net/index.php?option=com_content&view=article&id=114:rules08&catid=38:rules&Itemid=58)

QRP Homebrewer Sprint  
00:00 - 04:00 UTC 28 September  
Mode: CW, PSK31  
Bands: 80, 40, 20, 15 and 10 m  
Classes: (none)  
Exchange: RST, state, province or country and power out  
Work stations: Once per band per mode  
QSO Points: 2 points per QSO with commercial equipment; 3 points per QSO with homebrew xmtr OR rcvr; 4 points per QSO with homebrew xmtr AND rcvr  
Multipliers: Power: >5 W: x1, 1 - 5 W: x7, 250 mW - 1 W: x10, <250 mW: x15; States, provinces, countries once per band per mode  
Score Calculation: Total score = total QSO points x power mult \* total SPC mults  
Submit logs by: 26 October 2009  
E-mail logs to: [w2lj\[at\]verizon\[dot\]net](mailto:w2lj[at]verizon[dot]net)





Mail logs to: Larry Makoski, W2LJ, 327  
Clinton Place, South Plainfield, NJ 07080,  
USA

Find rules at:  
<http://www.njqrp.org/data/qrphomebrewersprint.html>

## Next Week's Contests

SARL 80 m QSO Party, 17:00 - 20:00 UTC 1 Oct  
NCCC Sprint, 02:30 - 03:00 UTC 2 Oct  
TARA PSK Rumble Contest, 00:00 - 24:00 UTC 3 Oct  
NCCC Sprint, 02:30 - 03:00 UTC 3 Oct  
German Telegraphy Contest, 07:00 - 09:59 UTC 3 Oct  
Oceania DX Phone Contest, 08:00 UTC 3 Oct to 08:00 UTC 4 Oct  
International HELL-Contest, 14:00 - 16:00 UTC 3 Oct (80 m) and 09:00 - 11:00 UTC 4 Oct (40 m)  
California QSO Party, 16:00 UTC 3 Oct to 21:59 UTC 4 Oct  
EU Autumn SSB Sprint, 16:00 - 1959Z 3 Oct  
UBA ON CW Contest, 06:00 - 10:00 UTC 4 Oct  
RSGB 21/28 MHz Contest, 07:00 - 1900Z 4 Oct

## This week in History

[from IRTS News]

1736 Death of G.D. Fahrenheit, inventor of the thermometer  
1853 E.G. Otis demonstrates the world's first lift  
1939 Sikorsky flies the first successful helicopter, the VS-300

## Heritage Day Sprint

Aim. To stimulate activity on 40 m and to promote public relations with respect to the various Heritage sites in South Africa on 24 September – Heritage Day. The sprint starts at 13:00 and ends at 15:00 CAT.

Only frequencies in the segment 7,000 to 7,025 MHz for CW and 7,060 to 7,100 MHz and 7,130 to 7,200 MHz for phone may be used. A maximum of 100 W output power is allowed.

The exchange is your call sign, RS(T) signal report, a serial number commencing with 001 and grid locator (6-digit).

Participation is as a Single Operator or Multi Operator station.

CW scoring - 20 points for every contact with a station at South African Block House; 10 points for every contact with a station at a different Boer War Heritage site and 4 Points for every other station.

Phone Scoring - 10 points for every contact with a station at South African Block House; 5 point for every contact with a station at a different Boer War Heritage site and 2 points for every other station.

Multiplier. Single operator may multiply final points by 3 and a Multi operator may multiply final points by 2.

Paper logs must be sent to The Sasolburg Amateur Radio Club, ZS4SRK, Box 28194, Sonlandpark, 1944. Electronic logs by e-mail to [riaanzs4pr@gmail.com](mailto:riaanzs4pr@gmail.com). The closing date for you log submission is 6 October 2009.

*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, Q-News, the RSGB News, Maurice, F5NQL, Southgate ARC and Pete's DX Newsdesk.*

*Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above).*

*HF Happenings can be provided in MS Word format.*

